

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

----- REGION=New England -----

SEROTYPE	STATE								TOTAL
	Connecticut	Maine	Massachusetts	New Hampshire	Rhode Island	Vermont			
ABAETETUBA	2		1						3
ADELAIDE	1		2	1	1				5
AGONA	5		22		2	1			30
AJIOBO				1					1
ALACHUA					1				1
AMAGER			1						1
ANATUM	1	1	4	4	1				11
BAILDON		1							1
BARDO				1					1
BAREILLY	3		3						6
BERTA			1						1
BLOCKLEY	3		2						5
BONARIENSIS			2						2
BOVISMORBIFICANS	1		4						5
BRAENDERUP	4	2	16	1	2				25
BRANDENBURG	2		10						12
BREDENEY	1		2						3
BUZU				1	2				3
CALIFORNIA			1						1
CARACAS				1					1

(Continued)

TABLE 4  
 SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
 BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

----- REGION=New England -----

SEROTYPE	STATE							TOTAL
	Connecticut	Maine	Massachusetts	New Hampshire	Rhode Island	Vermont		
CERRO	2							2
CHAILEY	1							1
CHAMELEON			1					1
CHESTER					1			1
CHOLERAESUIS			4					4
CHOLERAESUIS VAR KUN	1	1			2			4
CUBANA	1			1				2
DERBY	1		3	1			1	6
DOULASSAME			1					1
DRYPOOL			1					1
DURBAN				1				1
EMEK	1		2					3
ENTERITIDIS	144	11	322	44	41	11		573
ESSEN							1	1
FARMSEN				3				3
FLINT			1					1
GAMINARA	2							2
GIVE	1		1		1			3
GLOUCESTER					1			1

(Continued)

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

----- REGION=New England -----

SEROTYPE	STATE							TOTAL
	Connecticut	Maine	Massachusetts	New Hampshire	Rhode Island	Vermont		
GOLDCOAST			1					1
GROUP 65	1		1					2
GROUP B		4	18	1		1		24
GROUP C1			1		1		2	4
GROUP C2	1						1	2
GROUP D1			2				1	3
GROUP E1					1			1
GROUP E2			1					1
GROUP G			1					1
GROUP I			1					1
GROUP W	1							1
GROUP X			1					1
GROUP Y			2					2
HADAR	10		35	4			1	50
HARTFORD	3		7					10
HAVANA			1					1
HEIDELBERG	29	10	114	5	6	8		172
HINDMARSH							1	1
IBADAN	2							2
IDIKAN			1					1

(Continued)

TABLE 4  
 SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
 BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

----- REGION=New England -----

SEROTYPE	STATE								TOTAL
	Connecticut	Maine	Massachusetts	New Hampshire	Rhode Island	Vermont			
INFANTIS	3	1	18	2	2				26
IRUMU			2						2
ISANGI			1						1
ITAMI					1				1
ITURI							1		1
JAVA	2		1	1				1	5
JAVIANA	6	1	7	1	2				17
KENTUCKY			2						2
KINGABWA			1				1		2
KINGSTON							2		2
KINSHASA			1						1
KINTAMBO	1								1
KOTTBUS				1					1
LITCHFIELD	5		4	1	1				11
LOANDA		1							1
LOMALINDA	1				1				2
LONDON		1							1
MANHATTAN			3						3
MARINA	1				1				2
MATADI			3						3

(Continued)

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

----- REGION=New England -----

SEROTYPE	STATE							TOTAL
	Connecticut	Maine	Massachusetts	New Hampshire	Rhode Island	Vermont		
MBANDAKA			7	1				8
MELEAGRIDIS			3					3
MIAMI	1		4					5
MISSISSIPPI			3					3
MONTEVIDEO	7		17		4			28
MUENCHEN	11		27	1	2			41
MUENSTER	2		2					4
NESSIONA					3			3
NEWRUNSWICK			1					1
NEWPORT	11	5	28	4	7	2		57
NORWICH			1					1
OHIO						3		3
ORANIENBURG	5	1	26		3			35
OSLO	1				1			2
OTHMARSCHEN				3				3
OVERSCHIE					1			1
PAKISTAN				1				1
PANAMA			9					14
PARATYPHI A	1	1	3					5
PARATYPHI B	7		5					12

(Continued)

TABLE 4  
 SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
 BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

----- REGION=New England -----

SEROTYPE	STATE								TOTAL
	Connecticut	Maine	Massachusetts	New Hampshire	Rhode Island	Vermont			
PARERA			1						1
PENSACOLA			1						1
PHOENIX	1								1
POMONA	1	1							2
POONA	5	3	12	2	1				23
READING	2	1	10	2		1			16
RICHMOND	1								1
RUBISLAW	1		1						2
SAINTPAUL	5	3	24	3	3	3			41
SANDIEGO	1		2						3
SAPHRA		1							1
SCHWARZENGRUND	3		7	1					11
SENFTENBERG			5						5
SHUBRA			1						1
STANLEY			5		1				6
SUBSPECIES I	1		2						3
SUBSPECIES IV	1		1						2
TAKORADI			1						1
TALLAHASSEE			3						3
THOMPSON	14	1	83	3	4	1			106

(Continued)

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

----- REGION=New England -----

SEROTYPE	STATE							TOTAL
	Connecticut	Maine	Massachusetts	New Hampshire	Rhode Island	Vermont		
TYPHI			18	1	1			20
TYPHIMURIUM	131	21	190	33	66	18		459
TYPHIMURIUM VAR COPE		1	127	9				137
UGANDA		1	3					4
UNKNOWN	4	1	1	2	1	2		11
URBANA	1		6					7
VIRCHOW	1		10	1				12
WASSENAAR				1				1
WELIKADE		1						1
WELTEVREDEN	1		1					2
TOTAL	463	81	1288	145	171	61		2209

TABLE 4  
 SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
 BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

----- REGION=Mid Atlantic -----

SEROTYPE	STATE			TOTAL
	New Jersey	New York	Pennsylvania	
AARHUS		8		8
ABERDEEN		1		1
ADELAIDE	6	20		26
AGONA	37	73	24	134
AGOUVEVE		2		2
ALACHUA		1		1
ALBANY	5			5
AMAGER			1	1
AMSTERDAM			2	2
ANATUM	5	7	5	17
BAILDON		1	1	2
BAREILLY	2	9		11
BERTA	8	8	7	23
BLOCKLEY	9	4	3	16
BLUKWA		1		1
BOVISMORBIFICANS		2		2
BRAENDERUP	12	50	23	85
BRANDENBURG	6	26	8	40
BREDENEY		1		1
BRONX		2		2

(Continued)

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

..... REGION=Mid Atlantic .....

SEROTYPE	STATE			TOTAL
	New Jersey	New York	Pennsylvania	
CARRAU		2		2
CERRO	1		1	2
CHAILEY		1		1
CHAMELEON			1	1
CHESTER		11	1	12
CHOLERAESUIS		5	2	7
CHOLERAESUIS VAR KUN	1			1
CUBANA	1		8	9
DERBY	3	6		9
DJUGU		1		1
DUBLIN		7		7
DUESSELDORF	1			1
EALING		2		2
EASTBOURNE	1			1
EMEK	2			2
ENTEBBE		3		3
ENTERITIDIS	502	940	622	2064
ENUGU		1		1
ESCANABA		1		1

(Continued)

TABLE 4  
 SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
 BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

..... REGION=Mid Atlantic .....

SEROTYPE	STATE			TOTAL
	New Jersey	New York	Pennsylvania	
ESSEN		2		2
FALLOWFIELD			3	3
FLINT	1	1	1	3
FLORIDA			1	1
FRIEDENAU			1	1
GIVE		2	6	8
GLOSTRUP		2		2
GOETTINGEN		1		1
GROUP 58	1			1
GROUP 59	1			1
GROUP 61	1			1
GROUP B	16	34		50
GROUP C1		8		8
GROUP C2		1		1
GROUP D1		1	3	4
GROUP E1			1	1
GROUP I		1		1
GROUP M		2		2
GROUP O		1		1
GROUP V		1		1

(Continued)

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

..... REGION=Mid Atlantic .....

SEROTYPE	STATE			TOTAL
	New Jersey	New York	Pennsylvania	
GROUP W	1			1
GROUP Y		1		1
GROUP Z	2			2
HAARDT	1	1		2
HADAR	36	88	32	156
HARTFORD	1	3	6	10
HAVANA	8	2		10
HEIDELBERG	85	248	73	406
HERON		1		1
HOLCOMB		1		1
HVITTINGFOSS	1	2	3	6
IBADAN		1		1
INDIANA		2		2
INFANTIS	13	30	14	57
INVERNESS		1		1
IRUMU	1	1	1	3
ISTANBUL		1		1
IV 44:Z4,Z23:-	1			1
JANGWANI		1	1	2
JAVA	2	3	28	33

(Continued)

TABLE 4  
 SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
 BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

..... REGION=Mid Atlantic .....

SEROTYPE	STATE			TOTAL
	New Jersey	New York	Pennsylvania	
JAVIANA	19	18	36	73
JOHANNESBURG	1		1	2
KENTUCKY	6	29	4	39
KINONDONI	1			1
KINSHASA			2	2
KINTAMBO	1		1	2
KOTTBUS			2	2
KRALENDYK			1	1
KUA			1	1
LANDAU			1	1
LIMETE		3	2	5
LITCHFIELD	3	3	6	12
LIVERPOOL		1		1
LOMALINDA			1	1
LOME	1			1
LONDON		6	3	9
MADELIA		1		1
MANHATTAN	2	15	6	23
MARINA	3	1	2	6
MATADI		1		1

(Continued)

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

..... REGION=Mid Atlantic .....

SERO TYPE	STATE			TOTAL
	New Jersey	New York	Pennsylvania	
MBANDAKA	8	10	13	31
MELEAGRIDIS		1	1	2
MIAMI	1	2	4	7
MIKAWASIMA		1		1
MINNESOTA		1		1
MISSISSIPPI	2	4	4	10
MONSCHAUI		3		3
MONTEVIDEO	14	33	35	82
MUENCHEN	7	21	25	53
MUENSTER	3	5	3	11
NESSZIONA	1			1
NEWBRUNSWICK			1	1
NEWPORT	33	58	36	127
NEWROCHELLE		1		1
NEWYORK		3		3
NORWICH			1	1
NOTTINGHAM		1		1
OCHSENZOLL		2		2
OHIO	4	12	8	24
ORANIENBURG	8	24	19	51

(Continued)

TABLE 4  
 SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
 BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

..... REGION=Mid Atlantic .....

SEROTYPE	STATE			TOTAL
	New Jersey	New York	Pennsylvania	
OSLO	3	1	1	5
PAKISTAN	1			1
PANAMA	6	21	2	29
PARATYPHI A	4	15	1	20
PARATYPHI B		22		22
PARATYPHI C		1		1
PENSACOLA		2	1	3
POMONA	2	6		8
POONA	11	27	11	49
PORTSMOUTH	1		1	2
POTSDAM			2	2
PUTTEN	1	1		2
READING	78	7	2	87
REDLANDS		1		1
RICHMOND			1	1
RISSEN	1			1
ROMANBY			3	3
RUBISLAW	3	1	3	7
SAINTPAUL	18	31	26	75
SANDIEGO	4	4	3	11

(Continued)

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

..... REGION=Mid Atlantic .....

SEROTYPE	STATE			TOTAL
	New Jersey	New York	Pennsylvania	
SCHWARZENGRUND	6	15	5	26
SENFTEMBERG	5	27	1	33
SINSTORF		1	2	3
SOMONE			1	1
STACHUS	1			1
STANLEY	8	14	6	28
STANLEYVILLE	3	16	1	20
SUBSPECIES I	9			9
SUBSPECIES IV		4		4
SUNDSVALL		2		2
TALLAHASSEE	1	4		5
TAMBACOUNDA		1		1
TELELKEBIR		1	1	2
TENNESSEE		1	1	2
THOMASVILLE	1			1
THOMPSON	20	74	47	141
TOOWONG	1			1
TYPHI	24	66	4	94
TYPHIMURIUM	148	830	387	1365

(Continued)

TABLE 4  
 SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
 BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

..... REGION=Mid Atlantic .....

SEROTYPE	STATE			TOTAL
	New Jersey	New York	Pennsylvania	
TYPHIMURIUM VAR COPE	163			163
UGANDA		3	3	6
UNKNOWN		67		67
URBANA	1	9	8	18
VIRCHOW	10	11		21
VIRGINIA	1			1
WANDSWORTH		1		1
WASHINGTON	1	2		3
WASSENAAR			1	1
WEL TEVREDEN		1		1
WESTHAMPTON		1		1
WIDEMARSH		1		1
WORTHINGTON	2	2	3	7
TOTAL	1430	3194	1630	6254

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

----- REGION=East North Central -----

SEROTYPE	STATE					TOTAL
	Illinois	Indiana	Michigan	Ohio	Wisconsin	
ABAETETUBA					2	2
ADELAIDE	3	1		5	1	10
AGBENI		1				1
AGONA	54	11	41	14	23	143
ALACHUA	1		1			2
ALBANY	4					4
ALTONA			1			1
AMAGER	2					2
AMSTERDAM			1			1
ANATUM	12	3	7	11	4	37
ANECHO				1		1
APAPA			1			1
AUGUSTENBORG				1		1
BAILDON		1				1
BAREILLY	4	1	9	2	1	17
BERTA	8	3	5	4		20
BLOCKLEY	8		2	3	1	14
BOVISMORBIFICANS	5	4	4	2		15
BRAENDERUP	28	5	13	10	5	61
BRANDENBURG	15	2	5	8	4	34

(Continued)

TABLE 4  
 SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
 BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

..... REGION=East North Central .....

SEROTYPE	STATE					TOTAL
	Illinois	Indiana	Michigan	Ohio	Wisconsin	
BREDENEY	7				3	10
CERRO	1				1	2
CHAILEY	3					3
CHAMELEON		1		1		2
CHESTER	2		3			5
CHOLERAESUIS	5		2			7
CHOLERAESUIS VAR KUN		1				1
COELN		1			2	3
CUBANA	3		1	3		7
DENVER	2					2
DERBY	11	1	4	3	1	20
DJUGU				1		1
DUBLIN	2		4	1	1	8
DUESSELDORF			1	1	1	3
DURBAN			1	1		2
EALING			1			1
ENTERITIDIS	525	103	225	425	335	1613
FARMSEN					3	3
FLINT	1		1	1		3

(continued)

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

..... REGION=East North Central .....

SEROTYPE	STATE					TOTAL
	Illinois	Indiana	Michigan	Ohio	Wisconsin	
GAMINARA	1		1		1	3
GIVE	7	1	2	5	1	16
GROUP 61	1					1
GROUP 65			1			1
GROUP B	37	16	11	1	3	68
GROUP C1	6	10	2	2		20
GROUP C2	1	1		1		3
GROUP D1	13		1	1	2	17
GROUP P	1			2		3
GROUP S		1		1		2
GROUP V				6		6
GROUP W	1	1	2			4
GROUP X		1		1		2
GROUP Y				2		2
GROUP Z	1			3		4
HADAR	73	4	14	14	7	112
HARTFORD	3	10	17	4	4	38
HAVANA		1	2			3
HEIDELBERG	118	19	61	30	32	260
HOLCOMB				1		1

(Continued)

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

----- REGION=East North Central -----

SEROTYPE	STATE					TOTAL
	Illinois	Indiana	Michigan	Ohio	Wisconsin	
HVITTINGFOSS				2		2
IBADAN			1			1
IDIKAN			1			1
INDIANA			1			1
INFANTIS	46	8	14	3	5	76
INVERNESS	1					1
IRUMU			1			1
IV 44:Z4,Z23:-		1				1
JANGWANI			1			1
JAVA	26	13	15	17	4	75
JAVIANA	20	5	13	46	2	86
JOHANNESBURG	8	1	2	1	1	13
KENTUCKY	2	1				3
KINSHASA	2					2
KINTAMBO		3		2		5
KOKOMLEMLE		1		1		2
KOTTBUS		1	1			2
LIMBE				1		1
LITCHFIELD	5	3	2	2		12
LIVERPOOL	1					1

(Continued)

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

----- REGION=East North Central -----

SEROTYPE	STATE						TOTAL
	Illinois	Indiana	Michigan	Ohio	Wisconsin		
LOMALINDA			1				1
LONDON	4			1			6
MADELIA		1					1
MAGWA			1				1
MANHATTAN	36	3		2			41
MARINA	1		1	7			9
MARYLAND			1				1
MBANDAKA	13	5	4	5	3		30
MELEAGRIDIS	1		3		1		5
MEMPHIS	1						1
MIAMI	6	1		23			30
MINNESOTA					1		1
MISSISSIPPI	6	1	1				8
MOLADE	1						1
MONTEVIDEO	48	15	8	11	3		85
MUENCHEN	22	4	19	6	8		59
MUENSTER	4	3		2			9
NEWBRUNSWICK	2				1		3
NEWINGTON	2						2
NEWMEXICO				1			1

(Continued)

TABLE 4  
 SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
 BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

----- REGION=East North Central -----

SEROTYPE	STATE						TOTAL
	Illinois	Indiana	Michigan	Ohio	Wisconsin		
NEWPORT	39	19	20	18	19		115
NORWICH	3	1	1	1			6
OHIO	3	4		5	4		16
ORANIENBURG	24	5	17	31	7		84
ORION			2				2
OSLO			1	1	1		3
OVERSCHIE				1			1
PANAMA	9	1	7	1	1		19
PARATYPHI A	7			2			9
PARATYPHI B	4		2	3			9
PARERA			1				1
POMONA	2	1	1				4
POONA	14	3	12	9	3		41
PORTSMOUTH	1						1
READING	7	1	2	2	1		13
RICHMOND	1						1
ROMANBY	1						1
RUBISLAW	1		1	5			7
SAINTPAUL	21	6	9	12	9		57
SANDIEGO	2	1	5	5			13

(Continued)

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

----- REGION=East North Central -----

SEROTYPE	STATE					TOTAL
	Illinois	Indiana	Michigan	Ohio	Wisconsin	
SCHWARZENGRUND	7	3	3		2	15
SENFENBERG	12	1	8	1	1	23
SHUBRA	1					1
SINSTORF				1		1
STANLEY	12	4	3	9	3	31
STANLEYVILLE			1			1
STELLINGEN				1		1
SUBSPECIES I				1		1
SUBSPECIES IIIA	1					1
SUBSPECIES IIIA/IIIB	1				3	4
SUBSPECIES IIIB					1	1
SUBSPECIES IV		1				1
SUNDSVALL	1			1		2
TELELKEBIR	1		1		2	4
TENNESSEE			5	1		6
THOMPSON	25	5	47	11	7	95
TYPHI	28	2	5	5	3	43
TYPHIMURIUM	425	155	263	288	204	1335
TYPHIMURIUM VAR COPE		17				17

(Continued)

TABLE 4  
 SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
 BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

----- REGION=East North Central -----

SEROTYPE	STATE					TOTAL
	Illinois	Indiana	Michigan	Ohio	Wisconsin	
TYPHISUIJS				2		2
UGANDA	7		4		1	12
UNKNOWN	7	2	5	14	12	40
URBANA	2		1	4		7
VEJLE		1				1
VILVOORDE					1	1
VIRCHOW	3	3	2	3	1	12
WANDSWORTH		1				1
WANGATA			1			1
WARAL					1	1
WASSENAAR	2			2		4
WELTEVREDEN	1		1		1	3
WORTHINGTON			1	1	1	3
TOTAL	1902	511	970	1146	757	5286

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

----- REGION=West North Central -----

SEROTYPE	STATE										TOTAL	
	Iowa	Kansas	Minnesota	Missouri	Nebraska	North Dakota	South Dakota					
ADELAIDE			1	1								2
AGBENI				1								1
AGONA	10	11	18	86			1					126
ALACHUA			1									1
ALBANY			1									1
ANATUM	2	14	2	16			1					35
ARECHAVALETA			2									2
AUGUSTENBORG			1									1
BANANA			1									1
BARDO	6											6
BAREILLY	1	1		6								8
BERTA			1									1
BLEGDAM	1											1
BRADFORD										1		1
BRAENDERUP	7	7	28	13			2					57
BRANDENBURG	4	1	3	2								10
BREDENEY		2		1								3
CANNSTATT			1									1
CARRAU										1		1
CERRO	2											2

(Continued)

TABLE 4  
 SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
 BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

REGION=West North Central

SERO TYPE	STATE										TOTAL				
	Iowa	Kansas	Minnesota	Missouri	Nebraska	North Dakota	South Dakota								
CHAMELEON	1														1
CHESTER		1		1											2
CHOLERAESUIS			2												2
CHOLERAESUIS VAR KUN	1		1	1											3
CUBANA			1	1											2
DERBY			8						3						11
DUBLIN											1				1
DURHAM		1													1
EALING			1												1
EASTBOURNE		1													1
EMEK			1												1
ENTERITIDIS	30	46	129	72		8	9								294
ESCANABA			1												1
FALKENSEE			1												1
GAMINARA	1		1	2											4
GIVE		1	2	8											11
GLOSTRUP			1												1
GOETEBORG									1						1
GROUP 60											1				1

(Continued)

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

..... REGION=West North Central .....

SERTYPE	STATE										TOTAL				
	Iowa	Kansas	Minnesota	Missouri	Nebraska	North Dakota	South Dakota								
GROUP 61				1											1
GROUP B	13	7	7	30	4										61
GROUP C1	3	2	1	2											8
GROUP C2			1	1	1										3
GROUP D1			1	2											3
GROUP E1		1													1
GROUP G			1												1
GROUP S				1											1
GROUP U			1												1
GROUP V	3														3
HADAR	7		8	16							3				34
HAGENBECK		1													1
HAMBURG	1														1
HARTFORD	1	1	1												3
HAVANA	1		1	1											3
HEIDELBERG	19	14	32	38						12	4				119
HVITTINGFOSS		1	1												2
IDIKAN			2												2
INDIANA			1												1
INFANTIS	7	53	16	40							1				117

(Continued)

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

REGION=West North Central

SEROTYPE	STATE										TOTAL				
	Iowa	Kansas	Minnesota	Missouri	Nebraska	North Dakota	South Dakota								
INVERNESS			2							1					3
IRUMU			2												2
JAVA	1	2	4	11											18
JAVIANA	1	9	3	11						1					25
JOHANNESBURG	1		1	2						1					5
KANIFING			1												1
KINTAMBO		1													1
KOTTBUS			1												1
LITCHFIELD		1	6	2						1					10
LONDON			3												3
MAIDUGURI										1					1
MANHATTAN		1	4										1		6
MARINA	1			1											2
MBANDAKA	3	4	13	4						2					26
MELEAGRIDIS	1		2	2											5
MIAMI				2											2
MINNESOTA		1													1
MISSISSIPPI							3								3
MONSCHAUI			1												1
MONTEVIDEO	4	5	7	28								3			47

(Continued)

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

..... REGION=West North Central .....

SEROTYPE	STATE										TOTAL	
	Iowa	Kansas	Minnesota	Missouri	Nebraska	North Dakota	South Dakota					
MUENCHEN	1	4	13	6			3					27
MUENSTER	1		2	5								8
NEWBRUNSWICK							1					1
NEWPORT	3	33	42	31		4	8					121
NOLA						1						1
NORWICH	2	5	1	9								17
OHIO		2										2
ORANIENBURG	2	6	6	15			1					30
ORION				1								1
OSLO	1											1
PANAMA		2	5	2		1						10
PARATYPHI A			1									1
PARATYPHI B		1	1				1					3
POONA	2		7	7								16
POTSDAM		1										1
READING			5	4								9
RISSEN	1			1								2
RUBISLAW		1	3	1								5
SAINTPAUL	4	8	13	6								31
SANDIEGO		1	1									2

(Continued)

TABLE 4  
 SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
 BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

..... REGION=West North Central .....

SEROTYPE	STATE										TOTAL		
	Iowa	Kansas	Minnesota	Missouri	Nebraska	North Dakota	South Dakota						
SAPHRA		1											1
SCHWARZENGRUND			2	3									5
SENFENBERG			3	2		2							7
SEREMBAN			1										1
SINSTORF										1			1
STANLEY	1	1	7	3		1							13
SUBERU						1				1			1
SUBSPECIES III											1		1
SUBSPECIES IIIA			1							2			3
SUBSPECIES IIIA/IIIB	4												4
SUBSPECIES IIIB			1										1
SUBSPECIES IV		1	5										6
TAKORADI		1											1
TALLAHASSEE							1						1
TENNESSEE			2	3						1			6
THOMPSON	5	2	7	17							2		33
TRACHAU										1			1
TYPHI	1		6	1									8
TYPHIMURIUM	100	105	139	175		29	58						606

(Continued)

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

----- REGION=West North Central -----

SEROTYPE	STATE										TOTAL	
	Iowa	Kansas	Minnesota	Missouri	Nebraska	North Dakota	South Dakota					
TYPHIMURIUM VAR COPE			48							10		58
UGANDA	1	1		1								3
UNKNOWN			3	2	4	2						11
URBANA	4			2								6
VICTORIA									1			1
VIRCHOW		1	2			1						4
WASSENAAR				1								1
WORTHINGTON	1	1		3								5
TOTAL	267	368	660	711	9	79	114					2208

TABLE 4  
 SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
 BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

..... REGION=South Atlantic .....

SEROTYPE	STATE										TOTAL
	Delaware	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia			
AARHUS			2				1				3
ABAEETUBA						1					1
ABERDEEN		1									1
ADELAIDE			3			1			1		5
AEGUATORIA			1								1
AGAMA						2					2
AGONA		1	19	11		9	3		7		50
AGUEVE			1								1
AJIJOB		1									1
ALABAMA			1								1
ALACHUA		1	1			2					4
ALBANY			2								2
AMSTERDAM			1	1							2
ANATUM		1	9	5		5	1		4		25
ANECHO						1					1
ARAGUA						1					1
ARECHAVALETA						1					1
ARKANSAS						1					1
BAHRENFELD						1					1

(Continued)

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

..... REGION=South Atlantic .....

SEROTYPE	STATE										TOTAL	
	Delaware	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia				
BAILDON								1				1
BAREILLY			4	4		6	2	5		1		22
BERE						6		2				8
BERTA			1	1		12		4				18
BISPEBJERG						1						1
BLOCKLEY			2			2						5
BOVISMORBIFICANS						1	1	2		1		5
BRADFORD				2								2
BRAENDERUP	1	5	11	132	2	2	1	7		1		160
BRANDENBURG			9	4		12	2	6		1		34
BREDENEY			5	2								8
BUZU			1									1
CARACAS						2						2
CARRAU												3
CERRO			2	1	1	1		1				6
CHAILEY				1		2						3
CHAMELEON			1									1
CHESTER						1		1				2
CHINGOLA						1						1

(Continued)

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

..... REGION=South Atlantic .....

SEROTYPE	STATE										TOTAL
	Delaware	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia			
CHOLERAESUIS			1		1						2
CHOLERAESUIS VAR KUN			1		1			1			3
COLINDALE			1								1
COLORADO					1						1
CUBANA				2	1						3
DAYTONA					1						1
DERBY		1		7	11	4					23
DESSAU			1								1
DIGUEL				1							1
DUBLIN		1						1			2
DURBAN			1			1					2
DUVAL		1									1
ENTEBBE										1	1
ENTERITIDIS	51	15	41	285	67	53	161	20			693
ESCANABA		1									1
ETTERBEEK				1							1
FLINT		30	1								31
FLORIDA		7			1	1					9
GAMBIA			2								2

(Continued)

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

..... REGION=South Atlantic .....

SEROTYPE	STATE										TOTAL
	Delaware	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia			
GAMINARA			3		3	5					11
GIVE			2	1	1	3					7
GLOSTRUP			2								2
GLOUCESTER			1								1
GROUP 51			1								1
GROUP 53				1							1
GROUP 58				1							1
GROUP B		50	27	5			4			4	86
GROUP C1		19		4						4	27
GROUP C2		42		1	1						44
GROUP D1		53	5	2					2		62
GROUP D2			1								1
GROUP E1		3	1								4
GROUP E2				1							1
GROUP E4						1					1
GROUP F		1									1
GROUP G			1								1
GROUP I		1									1
GROUP K				1							1

(Continued)

TABLE 4  
 SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
 BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

..... REGION=South Atlantic .....

SEROTYPE	STATE										TOTAL
	Delaware	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia			
GROUP O			1								1
GROUP P			1								1
GROUP Q				1							1
GROUP S				1							1
GROUP V	2		2	9			1				14
GROUP W			1								1
GROUP X			1	2				1			4
GROUP Y		2		1							3
GROUP Z		2									2
HADAR	5		20	7	43	2	43				120
HARBURG					1						1
HARTFORD	2	1	3	1	9	3	5				25
HATFIELD					1						1
HAVANA		1	1		2						4
HEIDELBERG	10	76	69	139	90	23	55	6			468
HVITTINGFOSS		3		1							4
IBADAN			1		25	1					26
ILALA									1		1
INDIANA									1		1

(Continued)

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

..... REGION=South Atlantic .....

SERO TYPE	STATE										TOTAL
	Delaware	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia			
INFANTIS	1	2	13	23	29	2	8	1			79
INVERNESS		1	2		2						5
IRUMU							1				1
IV 44:Z4,Z23:-			2								2
JAJA					1						1
JAMAICA				1	1						2
JAVA	1	1	9		8	4	8	1			32
JAVIANA	3	52	64	11	66	32	10	2			240
JOHANNESBURG	2		4	1	2		1				10
JUBILEE					1						1
KENTUCKY				2	1						3
KIAMBU			2								2
KINGSTON				1							1
KINTAMBO			1								1
LIMETE			1								1
LINDENBURG	1			1							2
LITCHFIELD	2	1	3	4	1	1	6	1			19
LOMALINDA				1							1
LOME					1						1

(Continued)

TABLE 4  
 SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
 BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

..... REGION=South Atlantic .....

SEROTYPE	STATE										TOTAL		
	Delaware	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia					
LONDON			2	2						1			5
LUCIANA			1										1
MADELIA			1										1
MANHATTAN			2		2	1							5
MARINA		1	6	2	1	1					1		11
MATADI					2						1		3
MBANDAKA			6	7	7						4	1	25
MELEAGRIDIS			1										1
MENDOZA										1			1
MENSTON											1		1
MIAMI		5	4	1	4	2						1	17
MINNESOTA					1								1
MISSISSIPPI		7	42		3	19						1	72
MONSCHAUI				1	1								2
MONTEVIDEO	4	3	36	4	7	10					4		72
MPOUTO				1									1
MUENCHEN	3	5	41	22	28	26					14	3	142
MUENSTER			2										2
NAGOYA				1									1

(Continued)

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

..... REGION=South Atlantic .....

SEROTYPE	STATE										TOTAL	
	Delaware	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia				
NEWINGTON											2	2
NEWPORT	19	33	115	58	112	43	44	3				427
NEWYORK							1					1
NORWICH				3			2					5
NOTTINGHAM		1		1							1	3
OHIO		2	2	2	3	1	2	1				13
ORANIENBURG		2	15	7	14	11	7					56
OSLO		1										1
OVERSCHIE			1									1
PANAMA	1		1	5	1		3					11
PARATYPHI A		1		2			2					5
PARATYPHI B		1	1	3		1					1	7
POMONA		1	2		3							6
POONA		6	6	5	7	2	1					27
PUTTEN				1			1					2
READING			3	1	3							7
RICHMOND				1								1
RISSEN					1		1					2
RUBISLAW		17	9		5	2						33

(Continued)

TABLE 4  
 SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
 BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

..... REGION=South Atlantic .....

SEROTYPE	STATE										TOTAL
	Delaware	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia			
SAINTPAUL	1	10	17	7	6	5	9	1			56
SANDIEGO		3	1	2	2	3	1				12
SCHLEISSHEIM			1								1
SCHOENEBERG					1						1
SCHWARZENGRUND			1	9	4	24	5				43
SENFENBERG				2	2	2	3	1			10
SHAMBA				1							1
SINGAPORE			1								1
SINSTORF						1					1
SOAHANINA							1				1
STACHUS		1					1				2
STANLEY			6		3						9
STANLEYVILLE				2							2
SUBSPECIES I		2	2				1				5
SUBSPECIES II			1								1
SUBSPECIES III							1				1
SUBSPECIES IIIA/IIIB				2		1					4
SUBSPECIES IIIB		1									1
SUBSPECIES IV		3									3

(Continued)

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

..... REGION=South Atlantic .....

SEROTYPE	STATE										TOTAL	
	Delaware	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia				
SUNDSVALL					2						2	4
TAKORADI				3								3
TALLAHASSEE		2										2
TELELKEBIR				1	1							2
TENNESSEE			1		1						1	3
THOMPSON	1		15	10	78	22	14					140
TILENE			1									1
TRAVIS	1											1
TUINDORP		1										1
TYPHI		16	6	10	4	1	4				2	43
TYPHIMURIUM	30	27	372	221	471	146	302	52				1621
TYPHISUIS							1					1
UCCLE			2									2
UGANDA				2	5							7
ULLEVI				1								1
UNKNOWN	1	43	3	3	4	12	4					70
URBANA		1	3									4
VIRCHOW				1		1					1	3
WASSENAAR							1					1

(Continued)

TABLE 4  
 SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
 BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

..... REGION=South Atlantic .....

SEROTYPE	STATE										TOTAL
	Delaware	Florida	Georgia	Maryland	North Carolina	South Carolina	Virginia	West Virginia			
WAYCROSS			2								2
WAYNE					1						1
WELTEVREDEN		2	1				1				4
WESTHAMPTON			1								1
WORTHINGTON		2	2		8				1		13
TOTAL	142	586	1105	1091	1244	484	798	113			5563

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

----- REGION=East South Central -----

SEROTYPE	STATE				TOTAL
	Alabama	Kentucky	Mississippi	Tennessee	
AGBENI				1	1
AGONA	5			6	11
ALABAMA				1	1
ANATUM				4	4
BAREILLY		4		8	12
BERTA				3	3
BLOCKLEY				1	1
BOVISMORBIFICANS			1	2	3
BRAENDERUP	9	1		4	14
BRANDENBURG	9			5	14
BREDAWAY				1	1
BUKAVU		1			1
CERRO				1	1
CUBANA				1	1
DAYTONA	1				1
DERBY		1		4	5
DUBLIN				1	1
DURBAN		1			1
EALING				1	1
ENTERITIDIS	11	22		64	97

(Continued)

TABLE 4  
 SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
 BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

REGION=East South Central

SEROTYPE	STATE				TOTAL
	Alabama	Kentucky	Mississippi	Tennessee	
FLORIDA				1	1
GALIL	1				1
GAMINARA	1				1
GIVE	2			1	3
GROUP 65				1	1
GROUP B	12		3	14	29
GROUP C1	2			3	5
GROUP C2	1				1
GROUP D1	2		1	1	4
GROUP D2				1	1
GROUP G			1		1
GROUP V		2		2	4
GROUP X				1	1
GROUP Y				1	1
GROUP Z		1		1	2
HADAR	3	1		8	12
HARTFORD		3		2	5
HAVANA	1			1	2
HEIDELBERG	46	18	2	38	104
INDIANA		2			2

(Continued)

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

REGION=East South Central

SERO TYPE	STATE				TOTAL
	Alabama	Kentucky	Mississippi	Tennessee	
INFANTIS		4		26	30
JAVA		5		6	11
JAVIANA	12	3		15	30
JOHANNESBURG	1			3	4
KIRKEE	1				1
KOTTBUS				1	1
LILLE		1			1
LITCHFIELD		1			1
LOMALINDA	1				1
LUCIANA	1				1
MADELIA				1	1
MANHATTAN				3	3
MBANDAKA	6			1	7
MISSISSIPPI	22		5	14	41
MONSCHAUI				1	1
MONTEVIDEO	8		3	5	16
MUENCHEN	32	5		5	42
MUENSTER	1	1		1	3
NEWPORT	32	11	3	26	72
NORWICH				12	12

(Continued)

TABLE 4  
 SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
 BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

REGION=East South Central

SEROTYPE	STATE				TOTAL
	Alabama	Kentucky	Mississippi	Tennessee	
OHIO				1	1
ORANIENBURG	4	6		5	15
PANAMA	1			1	2
PENSACOLA	2			1	3
POMONA				1	1
POONA	1	5		10	16
READING	1			3	4
RUBISLAW			1		1
SAINTPAUL	1		1	7	9
SCHLEISSHEIM	5				5
SCHWARZENGRUND		1		2	3
STANLEY	2	2		2	6
STELLINGEN				2	2
SUBSPECIES I				1	1
SUBSPECIES II				1	1
SUBSPECIES IIIA	1				1
SUBSPECIES IIIB	3				3
SUBSPECIES IV		3			3
SUNDSVALL				1	1
TALLAHASSEE	1				1

(Continued)

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

REGION=East South Central

SEROTYPE	STATE				TOTAL
	Alabama	Kentucky	Mississippi	Tennessee	
TENNESSEE		1			1
THOMPSON	4	2		5	11
TYPHI				3	3
TYPHIMURIUM	114	30	23	168	335
TYPHIMURIUM VAR COPE		28			28
UCCLE	1				1
UGANDA	2	2		1	5
UNKNOWN	9	11	1	2	23
URBANA	1	1			2
WANDSWORTH	2				2
WASSENAAR				1	1
WORTHINGTON				1	1
TOTAL	378	180	45	523	1126

TABLE 4  
 SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
 BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

----- REGION=West South Central -----

SEROTYPE	STATE				TOTAL
	Arkansas	Louisiana	Oklahoma	Texas	
AARIUS			1		2
ABAETETUBA		1			1
ADELAIDE				5	5
AGO			1		1
AGONA	3	10	2	51	66
ALACHUA				1	1
ANATUM		1	5	20	26
ARECHAVALETA			3		3
BAREILLY	1	5	2	5	13
BERTA	1				1
BLOCKLEY				6	6
BRAENDERUP		6	8	45	59
BRANDENBURG				3	3
BRENECY			1	3	4
CERRO				6	6
CHESTER				9	9
CHOLERAESUIJS VAR KUN		1		1	2
CREMIEU			1		1
CUBANA				1	1

(Continued)

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

..... REGION=West South Central

SEROTYPE	STATE				TOTAL
	Arkansas	Louisiana	Oklahoma	Texas	
DERBY		4		2	6
DIGUEL			1		1
DUBLIN		1		1	2
EMEK				1	1
ENTERITIDIS	3	30	17	160	210
GAMINARA		14		8	22
GIVE		16		11	27
GROUP B		20	10	12	42
GROUP C1			5	5	10
GROUP C2			2	4	6
GROUP D1		3			3
GROUP E1				1	1
GROUP F				1	1
GROUP G		1		1	2
HADAR	1	6	1	10	18
HARTFORD		9		2	11
HAVANA		1		1	2
HEIDELBERG	1	19	12	34	66
HVITTINGFOSS		5			5
IBADAN				12	12

(Continued)

TABLE 4  
 SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
 BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

REGION=West South Central

SEROTYPE	STATE				TOTAL
	Arkansas	Louisiana	Oklahoma	Texas	
INFANTIS		2	9	60	71
INVERNESS		4		12	16
JAVA		2			2
JAVIANA	6	30		91	127
JOHANNESBURG				3	3
KENTUCKY				1	1
KIAMBU				1	1
KINSHASA				1	1
LAROCHELLE			1		1
LINDENBURG			1		1
LITCHFIELD	2	2		4	8
LONDON		1		1	2
LUCIANA				1	1
MADELIA				3	3
MARINA				1	1
MATADI		1			1
MBANDAKA			1	4	5
MIAMI				2	2
MIKAWASIMA				1	1
MINNESOTA			2	2	4

(Continued)

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

REGION=West South Central

SEROTYPE	STATE				TOTAL
	Arkansas	Louisiana	Oklahoma	Texas	
MISSISSIPPI	5	42		20	67
MONTEVIDEO		14	4	57	75
MUENCHEN		22	4	23	49
MUENSTER		2		3	5
NEWBRUNSWICK				1	1
NEWINGTON				1	1
NEWPORT	20	109	49	219	397
NORWICH		2	2	1	5
NOTTINGHAM				1	1
OHIO		3	1	5	9
ORANIENBURG		3	9	50	62
PANAMA		1	11	4	16
PARATYPHI A		1		3	4
PARATYPHI B		2	7	24	33
PHOENIX				2	2
PLANCKENDAEL			1		1
POMONA				1	1
POONA		3	5	21	29
QUINIELA		1			1
RUBISLAW		7	2	13	22

(Continued)

TABLE 4  
 SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
 BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

REGION=West South Central

SEROTYPE	STATE				TOTAL
	Arkansas	Louisiana	Oklahoma	Texas	
SAINTPAUL		7	3	16	26
SANDIEGO				3	3
SAPHRA		2		8	10
SCHWARZENGRUND		1	1	2	4
SENFTEMBERG		1		8	9
SOMONE				2	2
STANLEY		1	4	6	11
SUBSPECIES I		1	1		2
SUBSPECIES II			6		6
SUBSPECIES III				1	1
SUBSPECIES IIIA/IIIB	1			3	4
SUBSPECIES IV			1		1
TALLAHASSEE				1	1
THOMASVILLE				1	1
THOMPSON	4	4	2	10	20
TILENE				1	1
TUCSON				2	2
TUINDORP				1	1
TYPHI		3	3	15	21

(Continued)

TABLE 4  
 SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
 BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

----- REGION=West South Central -----

SEROTYPE	STATE				TOTAL
	Arkansas	Louisiana	Oklahoma	Texas	
TYPHIMURIUM	38	112	101	318	569
UNKNOWN	7	10		38	55
URBANA		1			1
VIRCHOW			1	3	4
WESTHAMPTON			2		2
WORTHINGTON	1	1	1	3	6
TOTAL	94	551	307	1502	2454

TABLE 4  
 SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
 BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

REGION=Mountain

SEROTYPE	STATE										TOTAL		
	Arizona	Colorado	Idaho	Montana	Nevada	New Mexico	Utah	Wyoming					
AARHUS						1							1
ABONY	1												1
ADELAIDE					1						2		3
AGONA	3				9	10			4				26
ALACHUA		1				1			1				3
ALBANY					1	1							2
AMSTERDAM					1	1							2
ANATUM		4			1	1							6
APAPA									1				1
BAREILLY		1	2		1	1							5
BERTA	2												2
BIRKENHEAD	3												3
BLEDGAM					2								2
BLOCKLEY	4								1				5
BRAENDERUP	2	6	1		2	1			3				15
BRANDENBURG	1					1			1				3
BRAZOS		1											1
BREDENEY	1	1				1			1				4
BRISTOL		1											1
BUZU		1											1

(Continued)

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

REGION=Mountain

SEROTYPE	STATE										TOTAL	
	Arizona	Colorado	Idaho	Montana	Nevada	New Mexico	Utah	Wyoming				
CALIFORNIA	8											8
CERRO			1		1							2
CHESTER								1				1
CHOLERAESUIS VAR KUN		1										1
COELN		1										1
CONCORD	2											2
CUBANA		2			2							4
DENVER						1						1
DERBY	19	17			3		1					40
DRYPOOL	6											6
DUBLIN	10											10
ENTERITIDIS	157	106	18		56	28	125					490
FLINT							1					1
GIVE					1							1
GROUP B		1	1	13	4	2					15	36
GROUP C1				5	1						4	10
GROUP C2				1		1						2
GROUP D1				5							11	16
GROUP E1					1						2	3

(Continued)

TABLE 4  
 SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
 BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

REGION=Mountain

SEROTYPE	STATE										TOTAL	
	Arizona	Colorado	Idaho	Montana	Nevada	New Mexico	Utah	Wyoming				
GROUP E2				2								2
GROUP E4					1							1
GROUP G				2								2
GROUP I				1								1
GROUP K			1									1
GROUP S			1									1
GROUP V			2									2
GROUP Y			1									1
GROUP Z					1							1
HADAR	13	7			2	8	5					35
HARTFORD		1										1
HAVANA		3					1	1				5
HEIDELBERG	23	24	2		5	16	9					79
HVITTINGFOSS		1					2					3
INDIANA	1											1
INFANTIS	5	8	2		3	6	4					28
IRUMU		1					1					2
JAVA		5										5
JAVIANA	18	3	2		2	6	1					32
KENTUCKY	2	1					1					4

(Continued)

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

REGION=Mountain

SEROTYPE	STATE										TOTAL	
	Arizona	Colorado	Idaho	Montana	Nevada	New Mexico	Utah	Wyoming				
KIAMBU	5											5
KINTAMBO	1											1
KOTTBUS	2											2
KRALENDYK	2											2
LILLE						1						1
LITCHFIELD	3	2			2	1						8
LIVINGSTONE	1	2			1							4
LOMALINDA		1										1
LOMITA	3											3
MARINA			1			1				1		3
MBANDAKA	14	1	1		4					4		24
MELEAGRIDIS			1		5							6
MIAMI	1	10			1					1		13
MONSCHAUI		1										1
MONTEVIDEO	8	18	2		4	7				6		45
MUENCHEN	10	3	1		2	8				3		27
MUENSTER		2				1						3
NARASHINO										1		1
NEWBRUNSWICK	5											5
NEWINGTON	10											10

(Continued)

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

REGION=Mountain

SEROTYPE	STATE										TOTAL
	Arizona	Colorado	Idaho	Montana	Nevada	New Mexico	Utah	Wyoming			
NEWPORT	47	17	3		5	22	5				99
NORWICH	3				1	2					6
OHIO	1	3			2	1	2				9
ORANIENBURG	69	12	2		4	16	7				110
OSLO					1	1					2
OTHMARSCHEN			3								3
PAKISTAN			1								1
PANAMA	11	3					2				16
PAPUANA					1						1
PARATYPHI A	8	1				2		1			12
PARATYPHI B	4	3			1	1					9
POMONA					2	1					3
POONA	34	1			2	5	3				45
PULLORUM	1										1
READING	4	2	1								7
RISSEN					1						1
RUBISLAW							1				1
SAINTPAUL	32	9	1		4	8	2				56
SANDIEGO	1	2			1						4
SCHWARZENGRUND	1	1	3								5

(Continued)

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

REGION=Mountain

SEROTYPE	STATE										TOTAL
	Arizona	Colorado	Idaho	Montana	Nevada	New Mexico	Utah	Wyoming			
SENFTENBERG	3	6			4	4	3				20
SHUBRA							1				1
SINSTORF							1				1
STANLEY	8	2			1		2				13
SUBSPECIES IIIA						1			1		2
SUBSPECIES IIIA/IIIB						1					1
SUNDSVALL		2									2
TALLAHASSEE	4										4
TENNESSEE	2		1								3
THOMPSON	5	7	5			3	5				25
TUCSON	1										1
TYPHI	2	5		1	2						10
TYPHIMURIUM	165	223	54		38	69	63				612
TYPHIMURIUM VAR COPE					7	8					15
UCCLE					1						1
UGANDA		6				1					7
UNKNOWN		6		5	1	9	12				33
URBANA		1					2				3
VEJLE	1										1

(Continued)

TABLE 4  
 SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
 BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

REGION=Mountain

	STATE										TOTAL	
	Arizona	Colorado	Idaho	Montana	Nevada	New Mexico	Utah	Wyoming				
SEROTYPE												
VICTORIA	1											1
VIRCHOW		1	1		1	1						4
WELTEVREDEN	1											1
WILLEMSTAD	1											1
WORTHINGTON		1										1
TOTAL	756	552	115	35	200	262	293	35			35	2248

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

----- REGION=Pacific -----

SEROTYPE	STATE						TOTAL
	Alaska	California	Hawaii	Oregon	Washington		
AARHUS					2		2
ABAEETETUBA		1					1
ABERDEEN			1				1
ABONY				1			2
ABORTUSEQUI		1					1
ADELAIDE		10			4		14
AGONA	1	110	10	13	20		154
ALACHUA		3		2			5
ALBANY		7					7
AMAGER		2	2				4
AMSTERDAM		2					2
ANATUM		35	3	2	7		47
AQUA		1					1
ARECHAVALETA		2			1		3
BARDO		3					3
BAREILLY		16			2		18
BERTA		16		2			18
BIRKENHEAD			3		1		4
BLEGDAM		1					1
BLOCKLEY		4	1		5		10

(Continued)

TABLE 4  
 SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
 BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

----- REGION=Pacific -----

SEROTYPE	STATE						TOTAL
	Alaska	California	Hawaii	Oregon	Washington		
BONARIENSIS		1					1
BOVISMORBIFICANS		8		8		1	17
BRAENDERUP		74		7		2	83
BRANDBURG		12				5	17
BRAZIL			1				1
BREDAENEY		17					17
CERRO		35				2	37
CHAILEY		4					4
CHAMELEON		1					1
CHESTER		4					4
CHOLERAESUIS		1	1			1	3
CHOLERAESUIS VAR KUN		9					9
CLACKAMAS						3	3
CORVALLIS		1					1
CUBANA		6			1		7
DAYTONA						4	4
DERBY		26	3	1		2	32
DUBLIN		21	2	3		4	30
DUESSELDORF						2	2

(Continued)

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

REGION=Pacific

SEROTYPE	STATE						TOTAL
	Alaska	California	Hawaii	Oregon	Washington		
DURBAN		2					2
DURHAM		1					1
EALING		3					3
EASTBOURNE		1					1
ENTERITIDIS	3	1710	39	41	97		1890
FLINT		4					4
FULICA	1						1
GAMINARA		4					4
GIVE		22	12	2	6		42
GROUP 53		2					2
GROUP 56		1					1
GROUP 58		1					1
GROUP 60		2					2
GROUP 61		3					3
GROUP 65		1			1		2
GROUP A		1					1
GROUP B		89	8	2	12		111
GROUP C1		10		1			11
GROUP C2		1	1				2
GROUP D1		4					4

(Continued)

TABLE 4  
 SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
 BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

----- REGION=Pacific -----

SEROTYPE	STATE						TOTAL
	Alaska	California	Hawaii	Oregon	Washington		
GROUP E1		1		1			2
GROUP I		1					1
GROUP L		1					1
GROUP T		1					1
GROUP V		2		1			3
GROUP W		3					3
GROUP X		1					1
GROUP Y		1					1
GROUP Z				1			2
HAARDT		3					3
HADAR	1	89	3	3	10		106
HAIFA		3			1		4
HARTFORD		7					7
HAVANA		16			1		17
HEIDELBERG	9	319	4	39	59		430
HIDALGO		1					1
HOUTEN		1					1
HVITTINGFOSS		2	1	1			4
INDIANA		3					3
INFANTIS	3	143	3	9	9		167

(Continued)

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

----- REGION=Pacific -----

SEROTYPE	STATE						TOTAL
	Alaska	California	Hawaii	Oregon	Washington		
IRUMU				1			2
ISTAMBUL		7					7
ITAMI					1		1
JANGWANI		1					1
JAVA				3			3
JAVIANA		32		4	9		45
JEDBURGH					1		1
JOHANNESBURG		5		2			7
KENTUCKY		8					8
KIAMBU		6					6
KINTAMBO		3					3
KISARAWA		2					2
KOKOMLEMLE					1		1
KOTTBUS		2					2
KRALENDYK	1						1
KREFELD		1					1
LAGOS			1				1
LEXINGTON		1					1
LILLE		1					1
LITCHFIELD		21	1			2	24

(Continued)

TABLE 4  
 SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
 BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

----- REGION=Pacific -----

SEROTYPE	STATE						TOTAL
	Alaska	California	Hawaii	Oregon	Washington		
LIVERPOOL					1		1
LIVINGSTONE		2					2
LOMALINDA		5					5
LONDON		6	1				7
MANHATTAN		18					18
MARINA		2					2
MATADI		1					1
MBANDAKA		23	1	1	8		33
MELEAGRIDIS		14		2	5		21
MENHADEN		1					1
MINNESOTA		17			1		18
MISSISSIPPI		1					1
MONSCHAUI		1			1		2
MONTEVIDEO		214	4	35	15		268
MOUNTPLEASANT		1					1
MUENCHEN		73	23	6	1		103
MUENSTER		28					28
NEWBRUNSWICK		13		1			14
NEWHAW		1					1
NEWINGTON		5					5

(Continued)

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

REGION=Pacific

SEROTYPE	STATE						TOTAL
	Alaska	California	Hawaii	Oregon	Washington		
NEWPORT	1	115	28	9	16		169
NIMA		1					1
NORWICH	1	2					3
OHIO		20		2	1		23
ORANIENBURG		145	4	18	13		180
OSLO		2	8		1		11
PAKISTAN		1					1
PANAMA	2	18	3	2	2		27
PARATYPHI A		11	2	1	2		16
PARATYPHI B	1	44	7	3	9		64
PHOENIX		2					2
POMONA		18					18
POONA		32		2	13		47
PORTSMOUTH		1					1
POTSDAM		6			1		7
PUTTEN		1					1
READING		21	3				24
RICHMOND		2			1		3
RISSEN		3					3
ROODEPOORT		1					1

(Continued)

TABLE 4  
 SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
 BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

----- REGION=Pacific -----

SEROTYPE	STATE						TOTAL
	Alaska	California	Hawaii	Oregon	Washington		
RUBISLAW		3					3
SAINTPAUL	1	66	1	13	4		85
SANDIEGO		11					11
SAPHRA		27			2		29
SCHWARZENGRUND		18	4	10			32
SENFENBERG		66	3	1	3		73
SINGAPORE		2					2
SINSTORF		1					1
SOERENGA		1					1
STANLEY		30	4	3	10		47
SUBSPECIES I	1						1
SUBSPECIES III					1		1
SUBSPECIES IIIB	1			1	2		4
SUBSPECIES IV				2			2
SUNDSVALL		24	1	3	8		36
SYDNEY		1					1
TAKSONY				1			1
TALLAHASSEE		1					1
TELELKEBIR		3			1		4
TENNESSEE		8	1		1		10

(Continued)

TABLE 4  
SALMONELLA ISOLATIONS FROM HUMAN SOURCES  
BY SEROTYPE, GEOGRAPHIC REGION AND STATE, 1997

----- REGION=Pacific -----

SEROTYPE	STATE						TOTAL
	Alaska	California	Hawaii	Oregon	Washington		
THOMPSON		93	1	7	23		124
TYPHI		91	9	2	5		107
TYPHIMURIUM	12	918	68	122	267		1387
TYPHIMURIUM VAR COPE		409					409
UGANDA		5	1		1		7
UNKNOWN		62	1		9		72
URBANA		5	1	2	1		9
VIRCHOW		6			5		11
VIRGINIA		1					1
WANDSWORTH		1					1
WASSENAAR		5					5
WAYCROSS		1	1				2
WELTEVREDEN		8	85		2		95
WESTHAMPTON					1		1
WIDEMARSH		1					1
WORTHINGTON		10		1	1		12
ZANZIBAR		2					2
TOTAL	39	5736	365	401	719		7260